

CURVED SUPPORT FIXTURES FOR SHAPE CONTROL

ABSTRACT OF THE INVENTION

The present invention is directed to a method for producing at least one glass substrate having a predetermined shape. The method includes providing a processing fixture configured to support the at least one glass substrate. The processing fixture includes at least one curved support member having a predetermined curvature. The at least one glass substrate is placed on the at least one curved support member. The at least one glass substrate is heated to a predetermined temperature for a predetermined period of time. The predetermined temperature is below the glass softening point and sufficiently high enough to cause glass shape change, whereby the at least one glass substrate conforms to the predetermined curvature during the predetermined period of time.